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ABSTRACT

This guide is intended as an aid for historians interested in utilizing the computer as a resource for teaching undergraduate college level courses. Four types of information are listed. Part I lists computer based instructional packages which concetrate on data analysis (in contrast with simulations, games, or tutorials) and which use pre-1950 data. The second part lists historical datasets which are defined as non-survey data. The datasets cover periods before 1950. Part III lists archives, including addresses, whose holdings are extensive. The concluding section lists articles and papers which describe actual classroom use of quantitative historical data utilizing computers as an instructional mode. According to the author, this listing is not exhaustive. (Author/RM)

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Guide to Machine-Readable Historical Data

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Spring, 1978

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This Guide is intended as an aid for historians interested in utilizing the computer as a resource for teaching courses aimed at undergraduates. As such it includes four categories of information: (1) computer-based instructional packages already published or in preparation, which concentrate on data analysis (in contrast with simulations, games or tutorials) and which use pre-1950 data; (2) a list of all existing and archived historical datasets (defined as non-survey data and covering any period before 1950); (3) a list of those archives whose holdings are detailed, and to which potential users should address any questions about the nature of the datasets or their acquisition; and (4) a list of articles and papers describing actual classroom use of quantitative historical data utilizing computers as an instructional mode.

The list of historical datafiles is by no means exhaustive: for every one which has been archived there probably exist ten or more which have not been made available for use by others. There are in addition other files which have not been included in this list because though archived restrictions have been placed on their use. The files listed below are thus the most readily accessible for potential instructional use. The author would be interested in knowing of any others, which have not been included herein, for future editions of this Guide.

I. Data-Analysis Instructional Packages in History

Baer, Marc, The Pre-Industrial City: Population and Society in Renaissance Florence (Palo Alto: Scientific Press, 1975)*

Dollar, Charles, VOTRAN (voting and ecological data from three U.S. States, 1920-1940), in A Guide to Computer Assisted Learning in History and the Social Sciences (Norman: University of Oklahoma, 1972)**

ICPSR, Cross-National Data Analysis Learning Package (1919-1939)****

Kolp, John G., The American Frontier: 1850-1880 (Iowa City: University of Iowa, 1972)***

_____, Family and Society in Colonial America: An Exercise in Demographic History (Iowa City: University of Iowa, 1977)***

_____, The Growth and Development of the United States: 1790-1860 (Palo Alto: Scientific Press,1975)*

_____, Representative Government in the Past: The British House of Commons, 1700-1850 (Palo Alto: Scientific Press, 1977)*

In Preparation:

Baer, Marc, Before Industrialization: Rural Society in 18th Century England

ICPSR, Educational Opportunity in the United States, 1840-1940****

_____, Ethnicity and Population Change in the United States, 1870-1920****

_____, The Slavery Question in the United States Senate, 1819-1851****

_____, Unemployment in the 1930s****

_____, The U.S. House of Representatives and the New Deal, 1933-1936****

* Available from: Scientific Press, Stanford Barn, Palo Alto, CA 94304

** For further information contact Charles M. Dollar, Chief, Machine Readable Archives Division, National Archives and Record Service, Washington, DC 20408

*** Available from: Social Science Curriculum Project, 321A Schaeffer Hall, University of Iowa, Iowa City, IA 52242.

**** For further information contact Director of Archives, ICPSR, P.O. Box 1248, Ann Arbor, MI 48106.

II. Datafiles (Pre-1950 Data)

A. Inter-University Consortium for Social and Political Research

Source: Guide to Resources and Services, 1977-1978.

1. United States

Historical Election Returns, 1788-1976 (County Level)

Historical Census Data, 1790-1970 (County Level)

Congressional Roll Call Records, 1789-1976

Southern Primary and General Election Data, 1920-1949

Southern Primary and General Elections, 1946-1972

Southern Primary Candidate Name and Constituency Totals, 1920-1972

Federal Deposit Insurance Corporation Data, 1920-1936

Censuses of Religious Bodies (1906-1936)

Farm Real Estate Values in the United States, 1850-1959

Socio-Economic, Public Policy and Political Data: U.S., 1890-1960

Partisan Division of American State Governments, 1834-1974

State-Level Presidential Election Data for the United States, 1824-1972

State-Level Congressional, Gubernatorial and Senatorial Election Data for the United States, 1824-1972

Demographic Characteristics of the Population of the United States, 1930-1950

Comparative Study of Community Power Research, 1920-1964

Annual Time Series Statistics for the United States, 1929-1968

Political Violence in the United States, 1819-1968

Knights of Labor Assemblies, 1879-1889

Roll Call Voting Records for the Confederate Congresses

The Indiana Voter: Nineteenth Century Rural Bases of Partisanship

Demographic Characteristics of the Population of Detroit, 1850-1880

Nineteenth Century Family History in Michigan

County Level Electoral, Demographic and Economic Data: Michigan, New York, Nebraska, 1920-1940

County Level Returns for 42 Referenda in Ohio in 1912

Demography in Frontier Indiana, 1820

Time Series Data for Chicago, 1840-1973

Urban Composition of U.S. Counties, 1850

Socioeconomic Indicators for Functional Urban Regions in the U.S., 1820-1970

Urban Growth in America: Philadelphia (1774-1930)

New Orleans Slave Trade Sample, 1804-1862

Agricultural and Demographic Records for Rural Households in the North, 1860

Men Who Govern (federal executive appointees, 1932-1965)

Supreme Court Justices Biographical Data, 1789-1958

The Judicial Mind (Supreme Court cases, 1946-1969)

Roll Calls of the Continental Congresses and the Congresses of the Confederation, 1777-1789

Congressional Roster, 1789-1977

Roster of Congressional Officeholders, 1789-1977

Biographical Characteristics of Members of the U.S. Congress, 1789-1977

Candidate Name and Constituency Totals, 1788-1976

Historical Election Returns, 1788-1823

2. Europe

Demographic, Social, Educational and Economic Data from France, 1833-1921

Social, Demographic and Educational Data for France, 1801-1897 (150+ datasets)

Analysis of Arrests in Paris: June, 1848

General Sample of Disturbances in France, 1830-1860 and 1930-1960

Intensive Sample of Disturbances in France, 1830-1860 and 1930-1960

French Roll Call Data, 1946-1958

Prophets and Patrons in French Social Science, 1880-1914

Prussian Roll Call Data, 1841-1848

Nazi Party Membership, 1919-1922

German Reichstag Election Data, 1871-1912

Germany in the Weimar Republic, 1919-1933

Dutch Election Data, 1888-1917

Norwegian Ecological Data, 1868-1903

Norwegian Ecological Data, 1949-1961

Political Systems Performance Data: Sweden, 1865-1967

British Investors in the 16th and 17th Centuries

British House of Commons Roll Call Data, 1841-1847

3. Other Nations

Canadian Census and Election Data, 1908-1968

Aggregate Data Bank and Indices of Brazil, 1940-1960

4. Comparative and United Nations

Domestic Conflict Behavior, 1919-1966

Data Bank of Assassinations, 1948-1967

Political Events Project, 1948-1965

Middle East Event/Interaction Data, 1949-1969

Middle East Military Event Data, 1949-1969

Middle East Time Series Data, 1948-1967

CASCON Project: Local Conflict Data, 1945-1970

Interstate Security Conflicts, 1945-1974

Political Conflicts, 1944-1966

Statistics of Deadly Quarrels, 1809-1949

The Wages of War, 1816-1965

Comparative Socio-Economic, Public Policy and Political Data, 1900-1960 (Canada, France, Mexico, Switzerland)

Political Systems Performance Data: France, Sweden, United Kingdom, 1850-1965

Dyadic Disputes, 1920-1968

Dyadic and Multilateral Events, 1848-1970

Intergovernmental Organization Data, 1816-1964

International Subsystems, 1649-1963

Diplomatic Exchange Data, 1815-1965

Diplomatic Missions Received by Each International System Member, 1817-1965

Military Defense Expenditure Data, 1948-1970

International Military Alliance Data, 1920-1957

Annual Alliance Membership Data, 1815-1965

British Speeches, 1870-1914 and German Speeches (in German), 1871-1912

Cross-National Time Series Data, 1815-1973

Polity Data, 1800-1972

U.N. Roll Call Data, 1946-1974

Computer (Content) Analysis of General Assembly Resolutions, 1946-1968

The U.N. and Colonialism, 1946-1967

B. Social Science Data Archive, University of Iowa

Source: List of Holdings, 1978

1. United States

Appellate Court Judge Biographical Data: New York, 1847-1969

Historical State Data: U.S., 1890-1960

Censuses of Religious Bodies (U.S., 1906-1936)

World War II Survey: U.S., 1946

Supreme Court Biographical Data: U.S., 1789-1958

Railroads and Eastern Iowa Agriculture, 1849-1859

Labor Statistics: Iowa, 1896

Tenure and Nativity in Iowa Agriculture, 1850-1880

State Level Socio-Economic Data: U.S., 1790-1960

Slave Trials, Anderson and Spartanburg Counties, South Carolina, 1820-1861

Banking Reserve Data: U.S., 1867-1895

Individual Wealth: U.S., 1850, 1860, 1870

County Wealth: U.S., 1860

Time Series Statistics: U.S., 1929-1968

1948 American National Election Study

Norwegian-American Electoral Behavior in the Upper Midwest, 1880-1924

House and Senate Roll Call Data: U.S., 1830-1972

Partisan Division of American State Government, 1834-1970

Party Platforms; U.S., 1844-1932

Newport, Rhode Island, Social Structure (1774-1800)

Richmond, Virginia Census, 1782

Nineteenth-Century Family History in Michigan (1850-1858)

Attitudes Toward Labor Unions: U.S., 1937 & 1967

Precinct Voting Data: Wisconsin, 1904, 1948-1952

County Election Data: U.S., 1944-1964

Northampton, Massachusetts Census Data, 1850-1880

Slave Sales, Deep South, 1800-1860

Northern Rural Households, 1860

Census of Southern Rural Households, 1860

Clinton County, Iowa Census Data, 1856: Irish Over-Sample

Sample of Families on the American Frontier, 1860

Election Data, Iowa Counties, 1854-1868

Demographic Characteristics of the Population of Detroit, 1850-1870

Mining Community of Virginia City, Nevada, 1870-1880

Sioux City, Iowa and Adjacent Communities and Counties, 1860-1895

Families of the Greenfield Hill Church, Fairfield, Connecticut, 1700-1785

Families of Chelmsford, Massachusetts, 1656-57

Wisconsin Voting Data, 1904-1952

2. Europe

English Popular Religious Literature, 1660-1711

Working members of the House of Commons: England, 1691-1693

English House of Commons, 1675

Investors in English Trading Companies, 1575-1630

Poll Book, Nottingham, England, 1710

Members of the House of Commons: Great Britian, 1841-1847

Divisions of the House of Commons: Great Britain, 1841-1847

Parliamentary Divisions and Lists: England, 1677-1720

Elections and Politics in London, 1852-1867

House of Lords: England, 1690-1695

Property Transactions in La Rochelle, France, 1506-1572

Old Regime Bureaucrats: France, 1661-1790

French Masters of Request, 1314-1350

Revolutionary Data: France, 1790

Chamber of Deputies Election Data: France, 1824, 1827

French Elections of 1824 & 1827

French Legislators, 1800-1834

Divisions of the National Assembly: France, 1871-1876

Attitudes to the Use of Alcoholic Beverages among German Workers (1907-1911)

Demographic Data on Residents of Bottrop, Germany, 1891-1920

Election Data: West Germany, 1946-1969

Reichstag Elections of 1912

1848 Prussian National Assembly Roll Call Data

Imperial Bureaucracy: Russia, 1762-1881

Census of Florence, Italy, 1427-1428

3. Other Nations

Canadian Census and Election Data, 1908-1968

Parliamentary Data: Canada, 1867-1968

Argentine Election of 1946 and Census of 1947

Elite Data; China, 1934-1969

4. Comparative and U.N.

Political Systems Performance Data: France, Sweden and the U.K., 1850-1965

Cross-Polity Time Series, 1815-1966

Domestic Conflict Behavior, 1919-1939 (111 Countries)

U.N. Roll Call Data, 1946-1971

The Wages of War, 1816-1965

Annual Alliance Membership Data, 1815-1965

Economic Time Series Data: Latin America, 1928-1960

C. Other Archives

Source: SS Data: Newsletter of Social Archival Aquisitions (1971-77) and letter survey

1. United States

Tremepleau County Wisconson Census Data, 1850-1880 (Wisconsin)

Wisconsin County-Level Historical Data, 1840-1960 (Wisconsin)

Political Violence in the United States: 1819-1968 (National Archives)

Franklin County, Ohio: 1860 Census (Ohio Historical Society)

New York State Farm Laborers, 1860-1905 (Pittsburgh)

Pittsburgh Manuscript Census, 1850-1870 (Pittsburgh)

Allegheny, Pennsylvania Manuscript Cenus, 1850-1870 (Pittsburgh)

Anglica, New York Census, 1865-1925 (Pittsburgh)

Pittsburgh Jewish History Project, ca. 1920 (Pittsburgh)

Washington Metropolitan Area Transportation Studies, 1948 & 1955 (10 datasets; (National Archives)

Census of Agriculture, 1949-1961 (National Archives)

2. Europe

Slave Ship Records, Great Britain, 1817-1843 (Wisconsin)

Machine Tool Production in Great Britain: 1856-1900 (SSRC, Essex)

English Census (and Election Data), 1851-1961 (University of Washington)

Slave Ships of 18th-Century France (Wisconsin)

Norwegian Referenda, 1905 (SSRC, Essex)

Alcohol Prohibition and Repeal: Norwegian Referenda, 1919 & 1926 (SSRC, Essex)

Educational-Occupational Characteristics of 1,450 Primary School Leaders in Three Rural Irish Communities, 1915-1969 (Pittsburgh)

Pro and Counter-Revolutionary Behavior in France, 1789-1794 (Pittsburgh)

Regional Variations in the Social Structure of the Old Regime in France, 1740-1789 (Pittsburgh)

Content Analysis of Cahiers de Doleance, 1789 (Pittsburgh)

Religion of the People in 16th Century Chamagne, 1500-1610 (2 datasets; Pittsburgh)

Political Elites in Eastern Europe, 1948 (Pittsburgh)

3. Other Nations

Slave Ships to Rio De Janeiro, 1775-1811 (Wisconsin)

Historical Censuses: Argentina, 1855, 1869, 1895 (Florida)

Biography and Roll Call Records on the Argentine Chamber of Deputies, 1904-1955 (Wisconsin)

Roll Call Records and Background Characteristics for Members of the Constitutional Congress in Mexico, 1916-1917 (Wisconsin)

Political Elites in Mexico, 1900-1971 (Wisconsin)

Canadian Socio-Economic Information Systems (time series), 1948-Present (University of British Columbia)

Finland Ecological Data, 1940-1965 (Carleton University)

Canadian Who's Who Data, 1924-1975 (Carleton University)

Cohort Legitimate Fertility Rates: Canada, 1882-1954 (Carleton University)

Period Legitimate Fertility Rates: Canada, 1926-1969 (Carleton University)

4. Comparative and United Nations

International Financial Statistics, 1948-Present (University of British Columbia)

Social and Cultural Dynamics, 1000 B.C.-Present (University of British Columbia)

III. Quantitative Archives

Center for Quantitative Studies in
Social Science
117 Savery Hall
DK-45
University of Washington
Seattle, Washington 98195

Data and Program Library Service
4451 Social Science Building
University of Wisconsin
Madison, Wisconsin 53706

Data Library
Computing Centre
University of British Columbia
2075 Wesbrook Place
Vancouver, British Columbia
Canada V6T 1W5

Inter-University Consortium for Political
and Social Research
P.O. Box 1248
Ann Arbor, Michigan 48106

Latin American Data Bank
471 Grinter Hall
University of Florida
Gainesville, Florida 32601

Reference Service
Machine-Readable Archives Division (NNR)
National Archives and Records Service
Washington, D.C. 20408

Ohio Data Archives
Ohio Historical Society
Ohio Historical Center
Columbus, Ohio 43211

Social Science Computer
Research Institute
621 Mervis Hall
University of Pittsburgh
Pittsburgh, Pennsylvania 15260

Social Science Data Archive
Laboratory for Political Research
321A Schaeffer Hall
University of Iowa
Iowa City, Iowa 52242

Social Science Data Archives
Department of Sociology and
Anthropology
Carleton University
Colonel By Drive
Ottawa, Ontario K1S 5B6
Canada

SSRC Survey Archive
University of Essex
Wivenhoe Park
Colchester, Essex
England

IV. Classroom Experience

A. Articles

Kolp, John and Marc Baer, "Teaching Quantitative History." (in preparation)

Schafer, Robert G., "Computer in the (History) Classroom," A.H.A. Newsletter (October, 1977), 9-10.

TePaske, John J., "A Quantitative Study in History," in Proceedings of the Fourth Conference on Computers in the Undergraduate Curricula (Claremont: The Claremont Colleges, 1973), 205-15.

Weber, Michael P., "Quantification and the Teaching of American Urban History," History Teacher 8.3 (May, 1975), 391-402.

Whittenburg, James P., "The Computer as a Teaching Aid: A Report on Two Class Projects," History Teacher 9.3 (May, 1976), 433-42.

B. Unpublished papers

Baer, Marc, "Computer-Based Instruction in European History Courses," Missouri Valley Historical Conference, 1978 and Conference on the Teaching of History, Fredonia, N.Y., 1978 (History, Case Western Reserve University).

Kolp, John G., "The Development and Distribution of Computer-Related Instructional Materials," Missouri Valley Historical Conference, 1978. (History and Political Science, University of Iowa.)

_____, "Quantitative Analysis in the History Classroom: The Computer as an Instructional Tool," American Historical Association, 1974 and Oregon/Southwest Washington Conference of Historians, 1975.

Naugle, Ronald, "Teaching Quantitative Methods to Undergraduates," Missouri Valley Historical Conference, 1978 (History, Nebraska Wesleyan University).

Zemsky, Robert, Nicholas Westbrook and William Koons, "Congressional Game: History as a Lab Science," American Historical Association, 1976 (History, University of Pennsylvania and Germantown Friends School).

In addition there was an informal panel at the 1974 A.H.A. meeting ("Computer Utilization in Undergraduate History Courses") which included presentations by Kolp, Colin Burke (History, University of Maryland, Baltimore County), John M. Allswang (History, California State University, Los Angeles), Richard A. Alcorn (History, University of Western Ontario), and Paul V. Black (History, California State University, Long Beach).

There was a similar panel at the 1977 Social Science History Association meeting ("Computer-Based Instructional Materials: Demonstration and Discussion") which included presentations by Baer, Schafer, Betty A. Nesvold (Political Science, San Diego State University), Howard V. Allen (History, Southern Illinois University), Nancy Zingale (Political Science, College of St. Thomas) and Catherine M. Kelleher (Political Science, University of Michigan).